

ABSTRACT OF THE DISCLOSURE

Substrates Utilizing Shear Responsive Micropockets for Storage and Delivery of Substances

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The present invention relates to substrates such as wipe articles for use in combination with substances, such as ingredients and formulations, for delivery to the human body or for use on inanimate surfaces such as those found in households and/or workplace. The substrate utilizes shear responsive micropockets that store substances, and controllably release said substances when shear forces are applied thereto, while in contact with the target surface. Shear responsive micropockets are fine scale three-dimensional compartments in the surface of the substrate such that applying shear forces along the surface of said substrate while said substrate is in contact with said target surface, said shear forces cause walls of said micropockets to substantially deform, and release said substance, to said target surface.

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